

Date: Monday, 28/04/2008 3:54:22 PM  
User: Julie Lecocq

## Process Sheet

Slip 08/08/06  
SP.

Customer : CU-DAR001 Dart Helicopters Services  
Job Number : 38858 -1  
Estimate Number : 11005  
P.O. Number :  
This Issue : 28/04/2008 S.O. No. :  
Prsht Rev. : NC  
First Issue : 28/04/2008 Type : SMALL /MED FAB  
Previous Run : 38186  
Written By :  
Checked & Approved By : JLD 08.4.29  
Comment : Est Rev:B 05.01.28 Removed hardware on Step 2; Added  
Figures 1-3 KJ/RF  
Est Rev:C 06.03.08 Re-format EC  
Est Rev:D 07-03-20 Added Dwg D412-704-041 07-03-20  
JLM  
Est Rev:E 07.05.02 Reformat EC

Drawing Name : PEDAL ASSEMBLY  
Part Number : D412704041  
Drawing Number : D412-704-041 REV A  
Project Number : N/A  
Drawing Revision : A  
Material :  
Due Date : 15/05/2008 Qty: 3 Um: Each

## Additional Product

Job Number:



Seq. #: Machine Or Operation: Description :

1.0 D3204041 Release Pedal Assembly



Comment: Qty.: 1.0000 Each(s)/Unit Total : 4.0000 Each(s)

Pick:

Qty	Part number	Description	batch
1	D3204-041	Pedal Assembly	B38189

08/08/06 (3X)

2.0 D32051 Pedal Bracket



Comment: Qty.: 1.0000 Each(s)/Unit Total : 4.0000 Each(s)

Pick:

Qty	Part number	Description	batch
1	D3205-1	Bracket	33854

B

3.0 D32053 Back Plate



Comment: Qty.: 1.0000 Each(s)/Unit Total : 4.0000 Each(s)

Pick:

Qty	Part number	Description	batch
1	D3205-3	GHW Bracket	35209

B 8/4/29 (4)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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Part Number: D412704041

Job Number:



Seq. #: Machine Or Operation: Description :

4.0 D32061 Pedal Arm



Comment: Qty.: 1.0000 Each(s)/Unit Total : 4.0000 Each(s)

Pick:

Qty Part number Description  
1 D3206-1 Pedal arm

batch

36835

*P*

5.0 D3209041 Bracket Assembly



Comment: Qty.: 1.0000 Each(s)/Unit Total : 4.0000 Each(s)

Pick:

Qty Part number Description  
1 D3209-.041 Bracket

batch

38190

*P*

6.0 AN310A Bolt



Comment: Qty.: 1.0000 Each(s)/Unit Total : 4.0000 Each(s)

Pick:

Qty Part number Description  
1 AN3-10A Bolt

batch

17566

*P*

7.0 AN3154R Nut



Comment: Qty.: 1.0000 Each(s)/Unit Total : 4.0000 Each(s)

Pick:

Qty Part number Description  
1 AN315-4R Nut

batch

17566

*P*

8.0 AN410A Bolt



Comment: Qty.: 1.0000 Each(s)/Unit Total : 4.0000 Each(s)

Pick:

Qty Part number Description  
1 AN4-10A Bolt

batch

1105442

*P 8/4/08 (4)*

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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Job Number: 38858

Part Number: D412704041

Job Number:



Seq. #: Machine Or Operation: Description :

9.0 AN412A Bolt



Comment: Qty.: 2.0000 Each(s)/Unit Total : 8.0000 Each(s)

Pick:

Qty	Part number	Description	batch
2	AN4-12A	Bolt	M105143

10.0 AN413A Bolt



Comment: Qty.: 1.0000 Each(s)/Unit Total : 4.0000 Each(s)

Pick:

Qty	Part number	Description	batch
1	AN4-13A	Bolt	M107321

11.0 AN960JD10 Washer



Comment: Qty.: 5.0000 Each(s)/Unit Total : 20.0000 Each(s)

Pick:

Qty	Part number	Description	batch
5	AN960JD10	Washer	M107715

12.0 AN960JD416 Washer



Comment: Qty.: 11.0000 Each(s)/Unit Total : 44.0000 Each(s)

Pick:

Qty	Part number	Description	batch
11	AN960JD416	Washer	M107321

13.0 AN960JD416L Washer



Comment: Qty.: 3.0000 Each(s)/Unit Total : 12.0000 Each(s)

Pick:

Qty	Part number	Description	batch
3	AN960JD416L	Washer	M107008

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

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Job Number: 38858

Part Number: D412704041

Job Number:



Seq. #: Machine Or Operation: Description :

14.0 MS21042L3 Nut



Comment: Qty.: 1.0000 Each(s)/Unit Total : 4.0000 Each(s)

Pick:

Qty Part number Description batch  
1 MS21042L3 Nut M10 2493

15.0 MS21042L4 Nut



Comment: Qty.: 5.0000 Each(s)/Unit Total : 20.0000 Each(s)

Pick:

Qty Part number Description batch  
5 MS21042L4 Nut M10 6051

16.0 MS24694S102 Screw



Comment: Qty.: 1.0000 Each(s)/Unit Total : 4.0000 Each(s)

Pick:

Qty Part number Description batch  
1 MS24694S102 Screw M14 609

17.0 MS951910 Bolt



Comment: Qty.: 1.0000 Each(s)/Unit Total : 4.0000 Each(s)

Pick:

Qty Part number Description batch  
1 MS9519-10 Bolt M 100290

18.0 SMALL FAB 1 SMALL & MEDIUM FAB RESOURCE 1



Comment: SMALL & MEDIUM FAB RESOURCE 1

Assemble pedal as per Dwg D412-704-041

Tighten & Torque Bolts as per Dwg D412-704-041

28/08/06 (3)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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Job Number: 38858

Part Number: D412704041

Job Number:



Seq. #:	Machine Or Operation:	Description :
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19.0	QC5	INSPECT WORK TO CURRENT STEP
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Comment: INSPECT WORK TO CURRENT STEP

*S 08/08/06 (x3)*

20.0	PACKAGING 1	PACKAGING RESOURCE #1
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Comment: PACKAGING RESOURCE #1  
Pick Packing Kit

21.0	AN960JD10L	Washer
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Comment: Qty.: 4.0000 Each(s)/Unit Total : 16.0000 Each(s)  
Pick:

Qty	Part number	Description	batch
4	AN960JD10L	Washer	<i>16612 2x</i>

*M104885 10x*

22.0	AN36A	Bolt
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Comment: Qty.: 2.0000 Each(s)/Unit Total : 8.0000 Each(s)  
Pick:

Qty	Part number	Description	batch
2	AN3-6A	Bolt	<i>M126662</i>

23.0	MS21042L3	Nut
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Comment: Qty.: 2.0000 Each(s)/Unit Total : 8.0000 Each(s)  
Nut  
Batch: *M107665*

*P 8/8/7*

*(3)*

24.0	QC4	INSPECT 100% KITS FOR COMPLETENESS
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Comment: INSPECT 100% KITS FOR COMPLETENESS

*S 08/08/07 (x3)*

25.0	PACKAGING 1	PACKAGING RESOURCE #1
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Comment: PACKAGING RESOURCE #1  
Identify and Stock  
Location: *57195 1x PPP383302x*

*P 8/8/6 (3)*

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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Job Number: 38858

Part Number: D412704041

Job Number:



Seq. #:

Machine Or Operation:

Description :

26.0

QC21

FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE

Job Completion



JD 08/08/08  
MF 08-08-07

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



## 5.0 PARTS LIST

Qty -011	Qty -013	Qty -041	Qty -043	Qty -045	Part Number	Description
X					D412-704-011	COPILOT'S EMERGENCY CARGO RELEASE KIT (210/212/214/412)
	X				D205-704-013	COPILOT'S EMERGENCY CARGO RELEASE KIT (205)
1	1	X			D412-704-041	PEDAL ASSEMBLY (205/210/212/214/412)
	1		X		D205-704-043	CABLE ASSEMBLY (205)
1				X	D412-704-045	CABLE ASSEMBLY (210/212/214/412)
		1			D3204-041 ✓	PEDAL ASSEMBLY (OR ECM 999702-1)
		1			D3205-1 ✓	PEDAL BRACKET (OR ECM 999703-1)
		1			D3205-3 ✓	BACK PLATE (OR ECM 999709-5)
		1			D3206-1 ✓	PEDAL ARM (OR ECM 999704-1)
	1				D3207-1	BRACKET
1					D3207-2	BRACKET
	1				D3207-3	BRACKET
1					D3207-5	BRACKET
1	1				D3208-1	DOUBLER (OR ECM 999709-1)
1					D3208-11	FILLER
1	1				D3208-3	PEDAL MOUNT ANGLE (OR ECM 999709-7)
	1				D3208-5	MOUNT ANGLE
1	1				D3208-7	FILLER (OR ECM 999709-3)
1					D3208-9	DOUBLER
		1			D3209-041 ✓	BRACKET ASSEMBLY (OR BHT 204-070-993-001)
1	1				D3214-1	PLACARD (OR ECM 999712-1)
			1		D3217-1	CABLE
				1	D3217-3	CABLE
			1	1	D3257-1	FITTING
			1	1	D3258-1	ANGLE BRACKET
		1			AN315-4R ✓	NUT
		5	2	2	AN960JD10 ✓	WASHER
		4	2	2	AN960JD10L ✓	WASHER
		11			AN960JD416 ✓	WASHER
		3			AN960JD416L ✓	WASHER
			3	3	NAS509-3	NUT
		3	2	2	MS21042L3	NUT (OR MS21042-3)
		5			MS21042L4 ✓	NUT (OR MS21042-4)
4	4				MS21919DG5	CLAMP
		1			MS24694-S102 ✓	SCREW
	2				MS35489-10	GROMMET
			1	1	AN3-5A	BOLT
		2			AN3-6A	BOLT
		1			AN3-10A ✓	BOLT
			1	1	AN3-13A	BOLT
		1			MS9519-10 ✓	BOLT
		1			AN4-10A ✓	BOLT
		2			AN4-12A ✓	BOLT
		1			AN4-13A ✓	BOLT

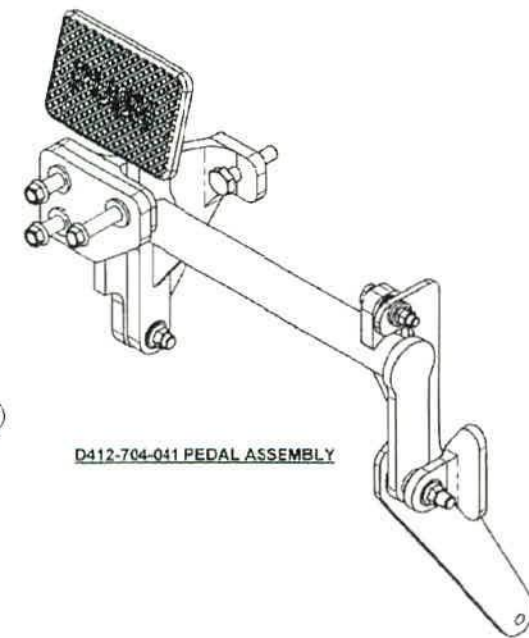
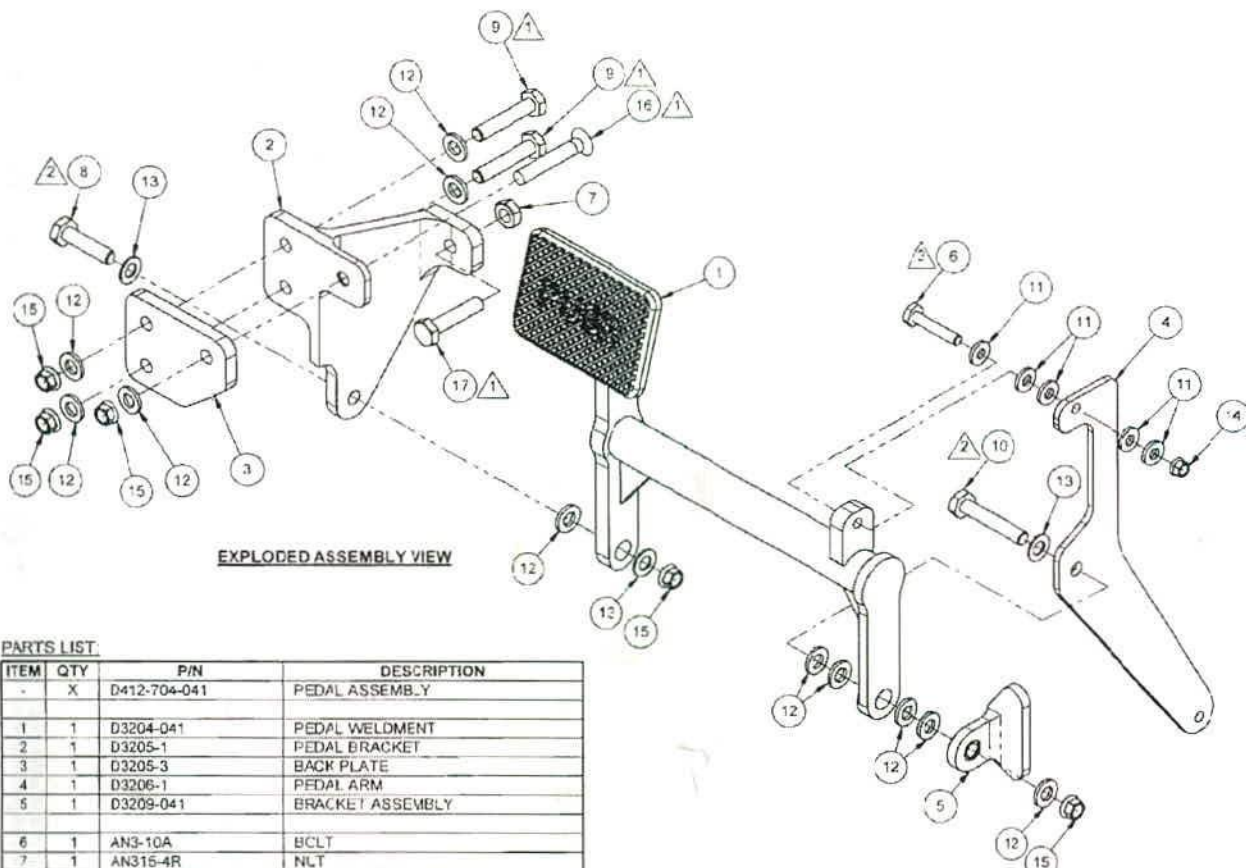
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WITHOUT NOTICE  
WORK ORDER  
NO. 38858

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Revision: B

Date: 07.08.10



D412-704-041 PEDAL ASSEMBLY

EXPLODED ASSEMBLY VIEW

PARTS LIST

ITEM	QTY	P/N	DESCRIPTION
-	X	D412-704-041	PEDAL ASSEMBLY
1	1	D3204-041	PEDAL WELDMENT
2	1	D3205-1	PEDAL BRACKET
3	1	D3205-3	BACK PLATE
4	1	D3206-1	PEDAL ARM
5	1	D3209-041	BRACKET ASSEMBLY
6	1	AN3-10A	BCLT
7	1	AN315-4R	NLT
8	1	AN4-10A	BCLT
9	2	AN4-12A	BCLT
10	1	AN4-13A	BCLT
11	5	AN960JD10	WASHER
12	11	AN960JD416	WASHER
13	3	AN960JD416L	WASHER
14	1	MS21042L3	NLT (OR MS21042-3)
15	5	MS21042L4	NLT (OR MS21042-4)
16	1	MS24694-S10Z	SCREW
17	1	MS9519-10	BCLT
U/A*	2	AN3-6A	BCLT
U/A*	4	AN960JD10L	WASHER
U/A*	2	MS21042L3	NLT (OR MS21042-3)

\* SHIPPED LOOSE WITH -041 KIT (NOT PRE-ASSEMBLED AT DART)

NOTES

1. INSTALL IDENTIFIED FASTENERS LOOSE (HAND TIGHTEN ONLY).
2. TIGHTEN IDENTIFIED FASTENERS UNTIL SNUG. ENSURE THAT PARTS CAN STILL ROTATE.
3. TORQUE IDENTIFIED FASTENERS TO 15-25 in-lbs (1.7-2.8 N-m).

RELEASED  
07-01-23

A		07.01.23	NEW ISSUE
REV	DATE	DESCRIPTION	
DESIGN	DRAWN BY	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED	APPROVED	DRAWING NO	REV. A
CE	H	D412-704-041	SHEET 1 OF 1
DATE	TITLE		SCALE
07.01.23	PEDAL ASSEMBLY		1:2
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